

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107775.D
 Acq On : 28 Jul 2018 5:09
 Operator : JU/SJ
 Sample : J4199-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Jul 30 02:10:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163086	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	605317	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	259624	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	428587	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	444171	20.00	ng	-0.02
86) Perylene-d12	15.68	264	367583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	562985	55.50	ng	-0.01
7) Phenol-d6	6.61	99	504507	41.42	ng	0.00
23) Nitrobenzene-d5	7.53	82	833017	92.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	351829	119.17	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1542303	110.19	ng	-0.02
78) Terphenyl-d14	13.08	244	1482403	85.44	ng	-0.02

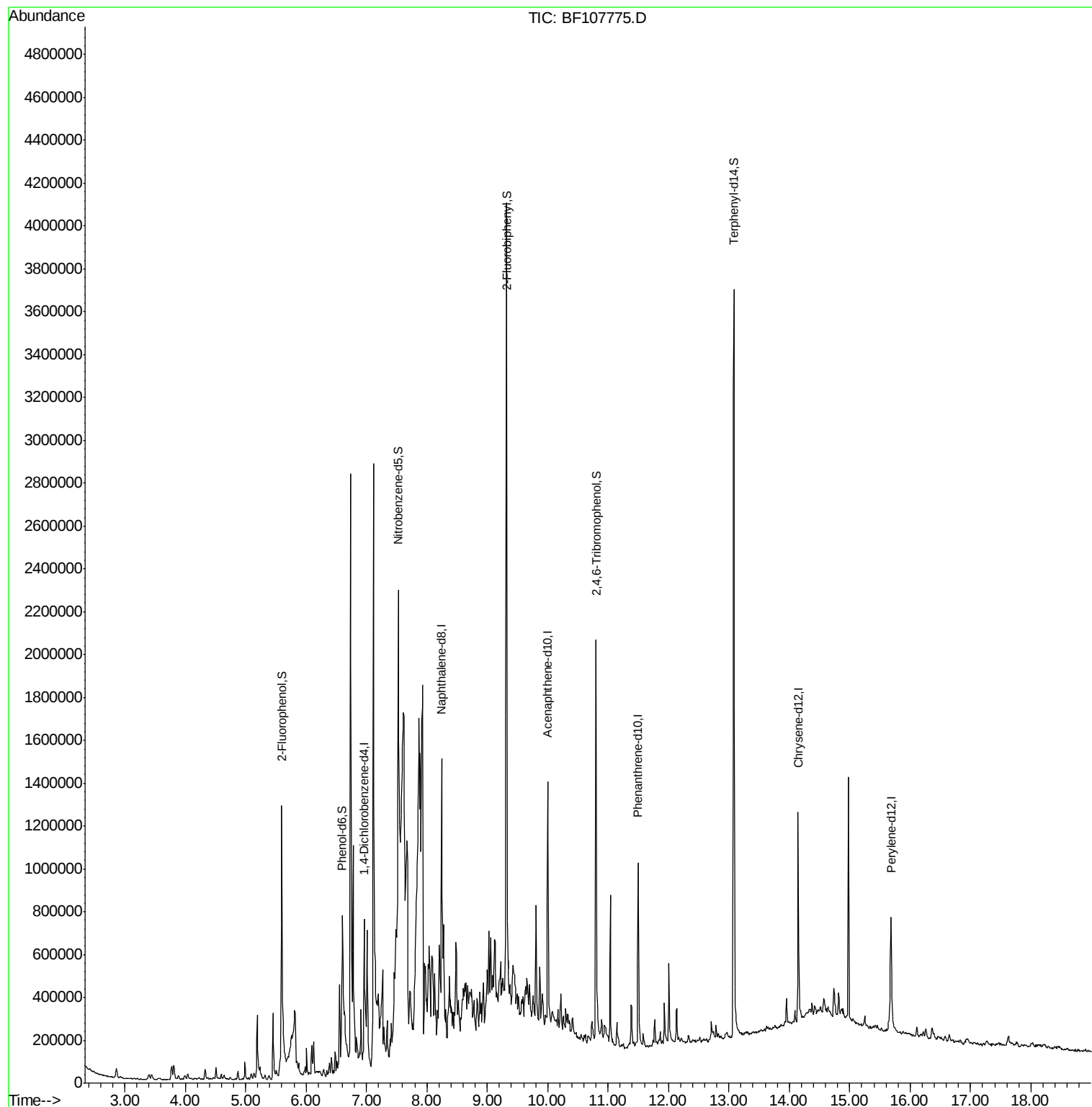
Target Compounds Qvalue

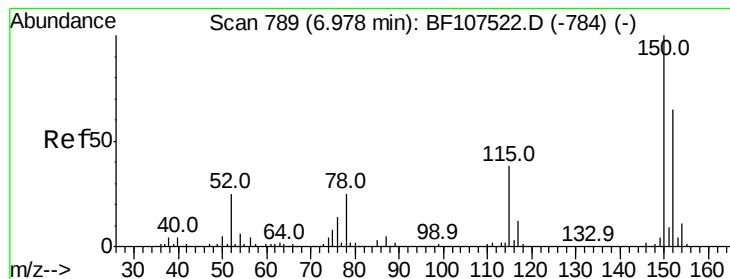
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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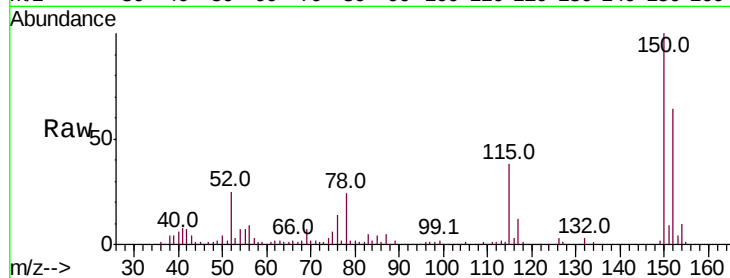


#1

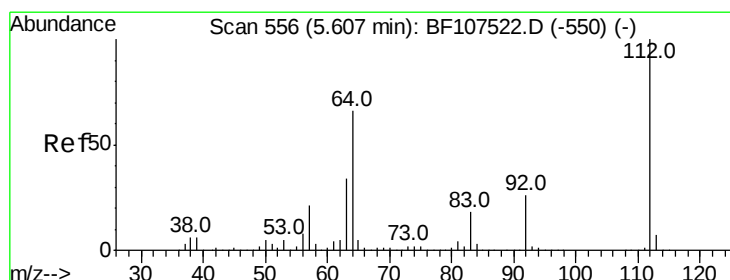
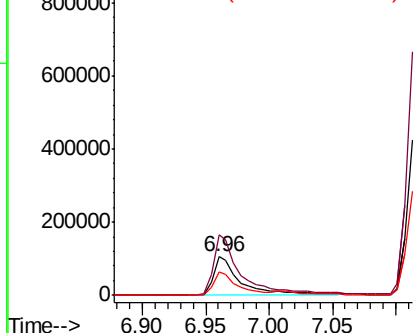
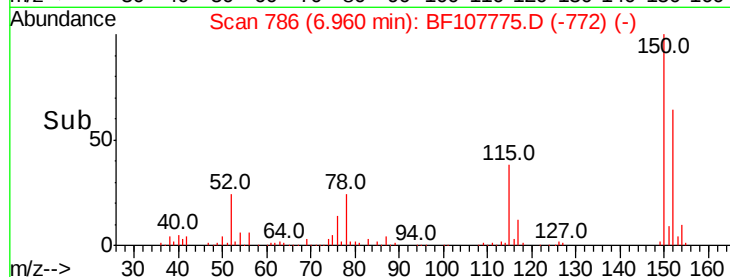
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:152 Resp: 163086
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 59.6 50.1 75.1



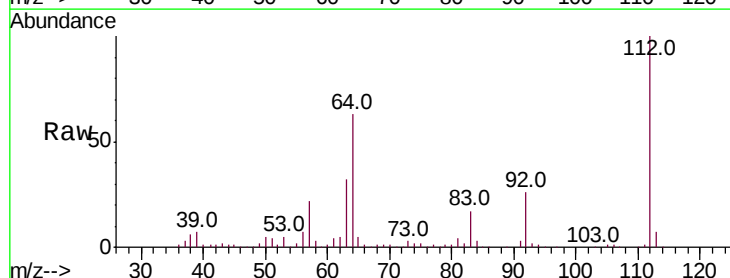
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



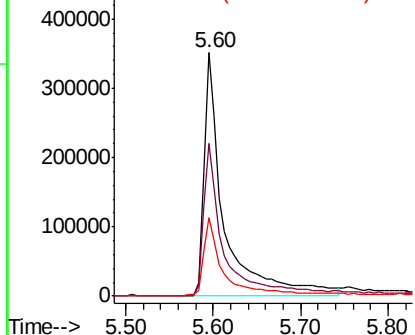
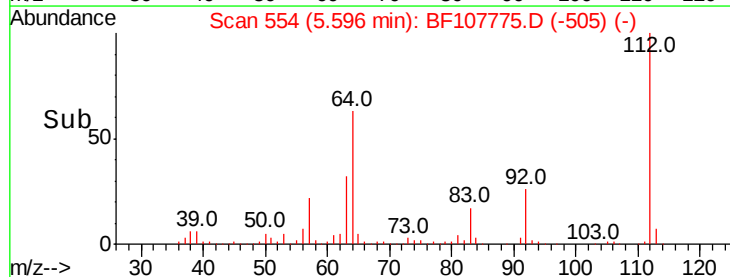
#5

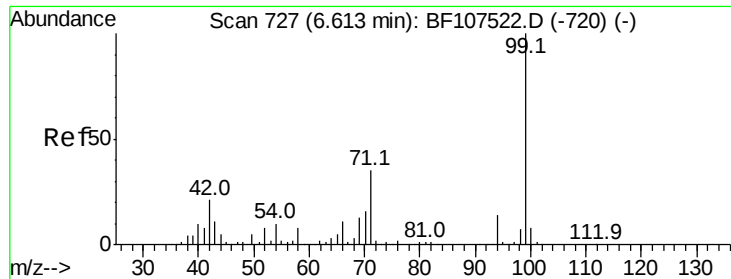
2-Fluorophenol
 Concen: 55.503 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:112 Resp: 562985
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.9 71.9
 63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 41.423 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Instrument :

BNA_F

ClientSampled :

MW-24

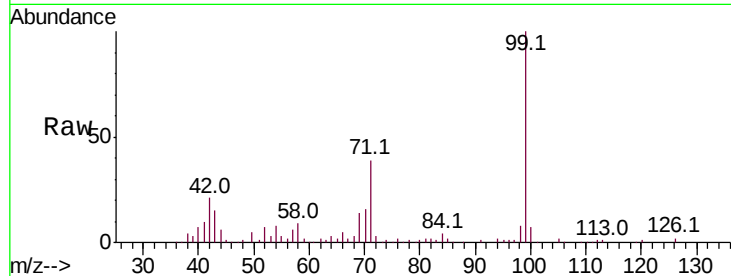
Tot Ion: 99 Resp: 504507

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

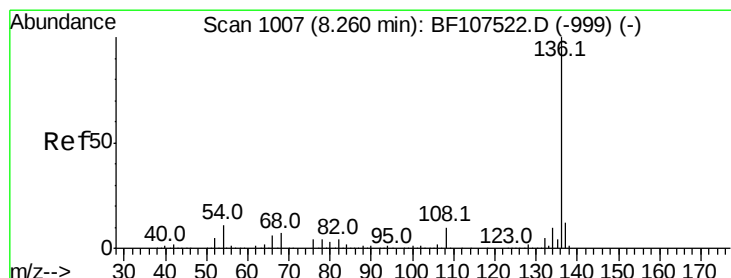
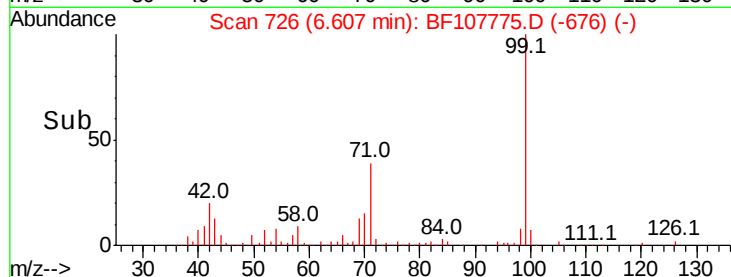
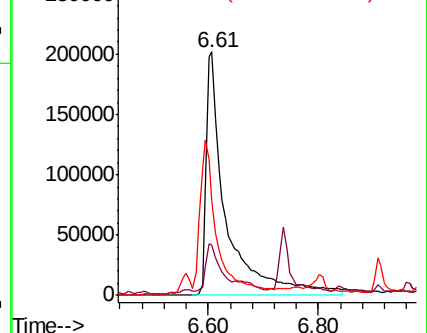
71 39.2 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107775.D

Acq: 28 Jul 2018 5:09

Tgt Ion: 136 Resp: 605317

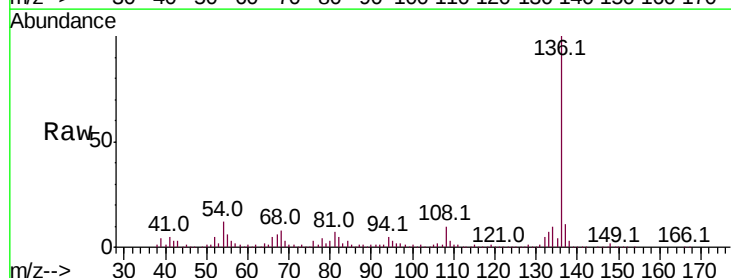
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 12.0 6.6 9.8#

68 7.6 5.0 7.4#

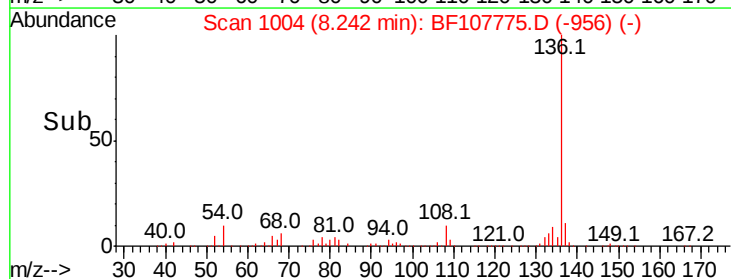
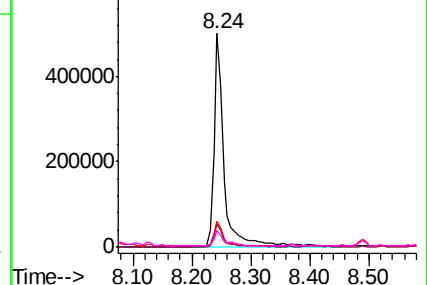


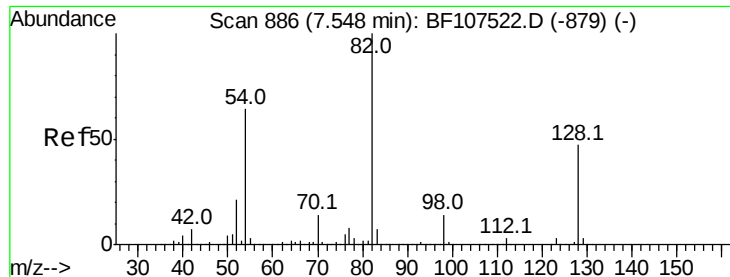
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

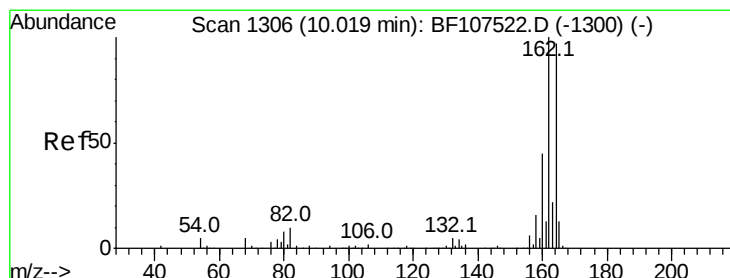
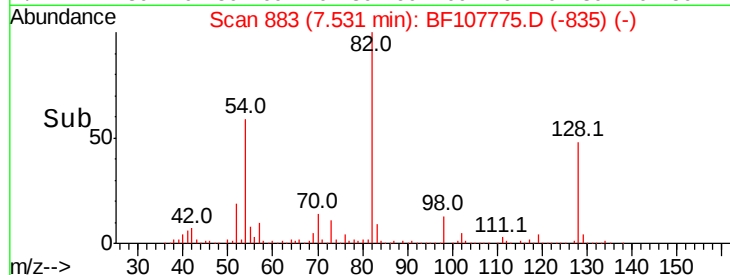
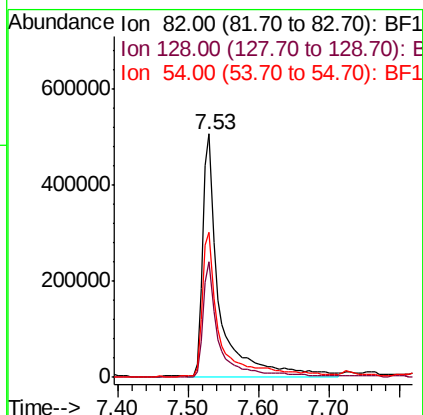
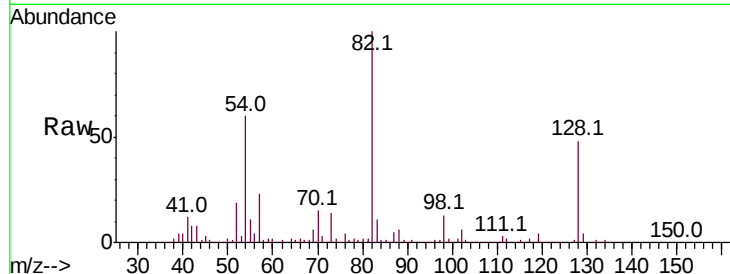




#23
 Nitrobenzene-d5
 Concen: 92.874 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

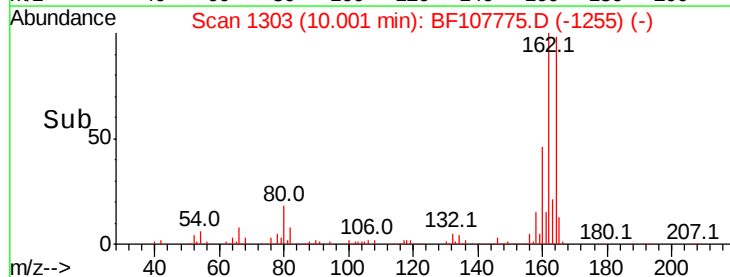
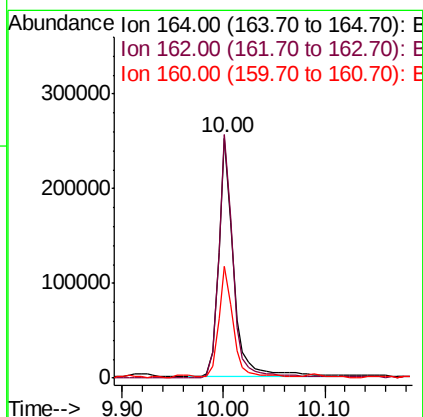
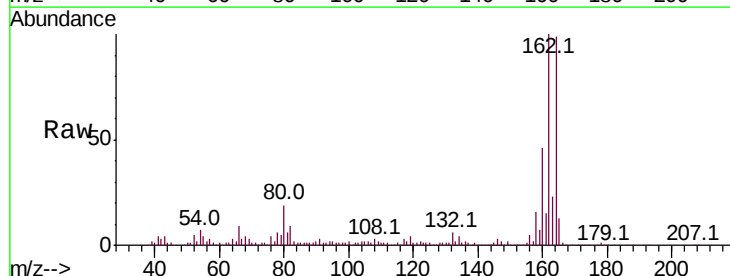
Instrument :
 BNA_F
 ClientSampleId :
 MW-24

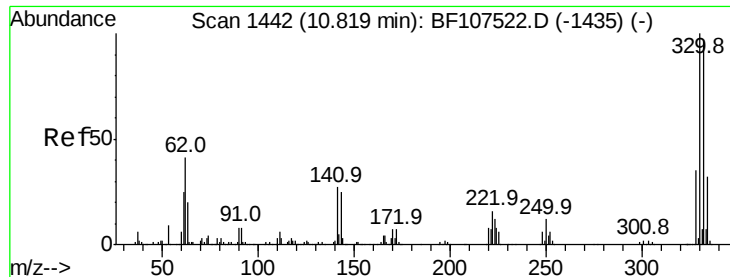
Tot Ion: 82 Resp: 833017
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 59.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:164 Resp: 259624
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.7 38.3 57.5

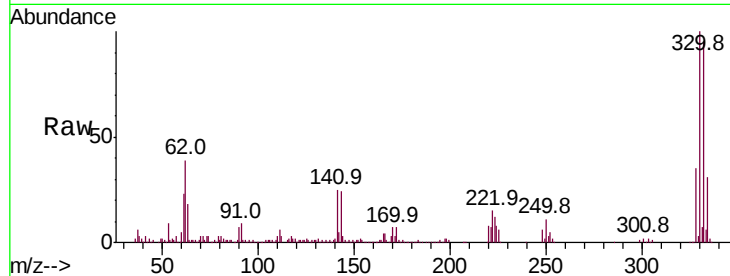




#41
 2,4,6-Tribromophenol
 Concen: 119.170 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.3	29.9	44.9#

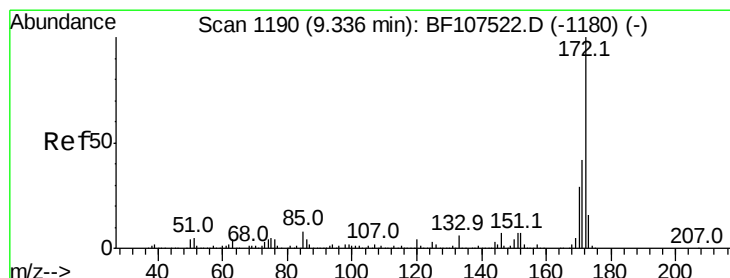
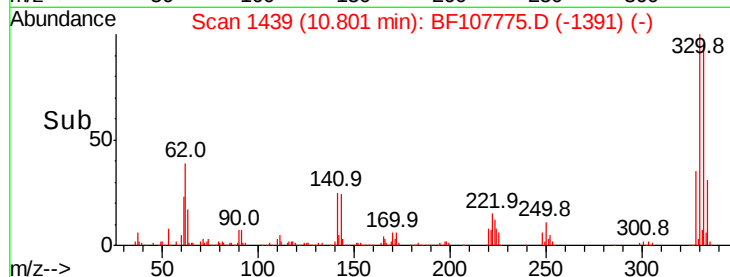
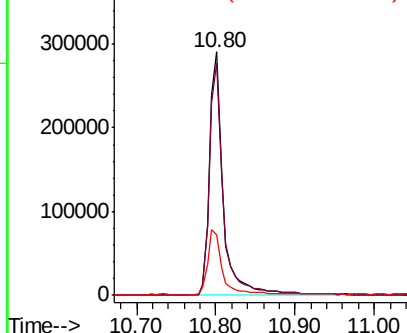


Abundance

Ion 329.80 (329.50 to 330.50): E

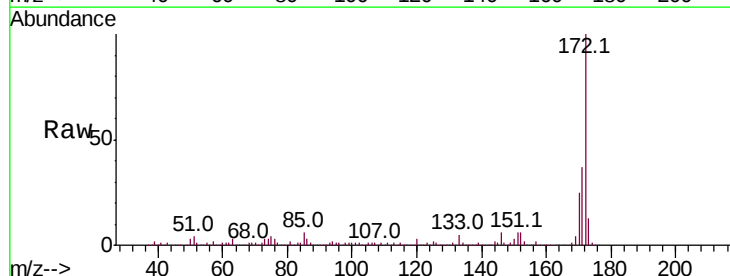
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.194 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.7	19.6	29.4

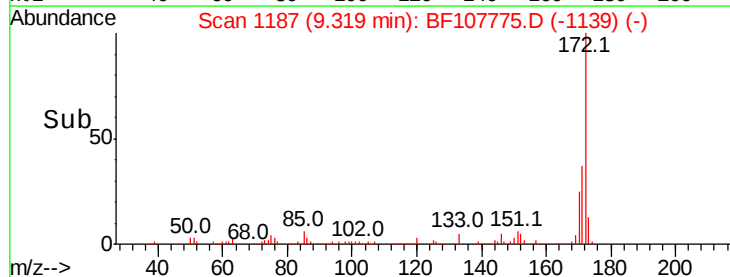
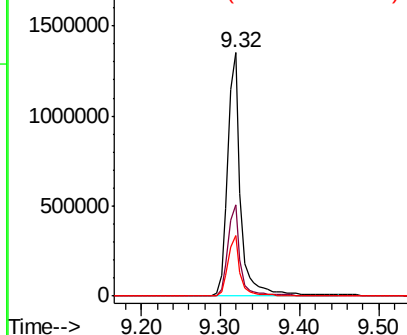


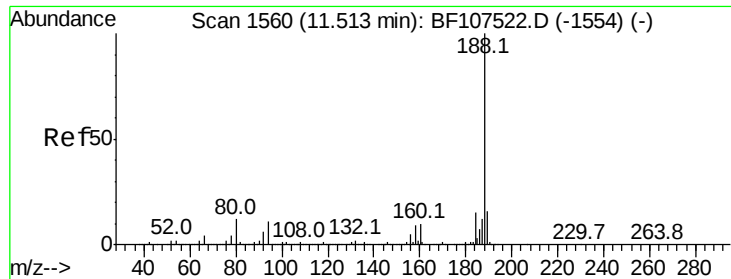
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

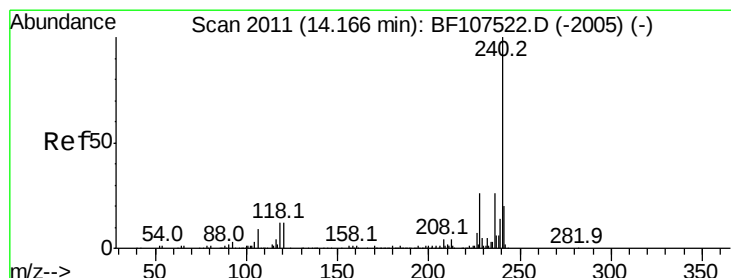
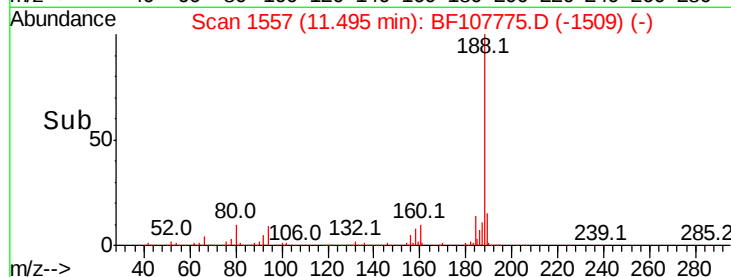
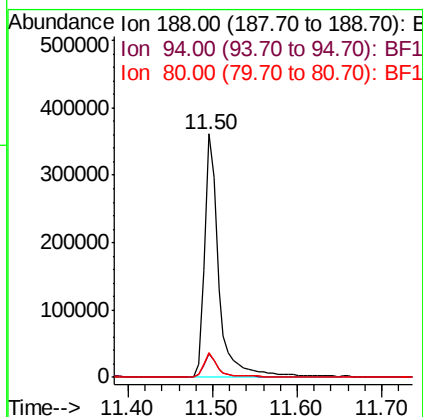
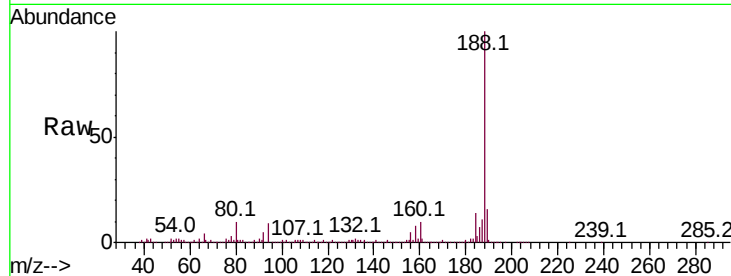




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

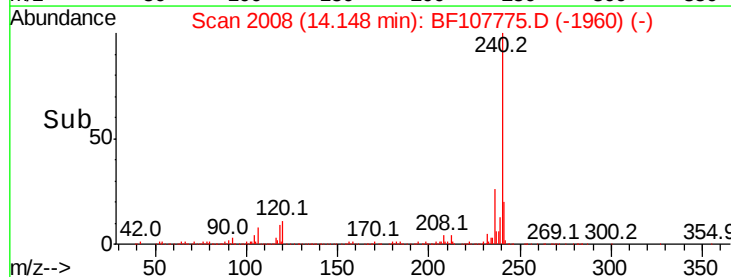
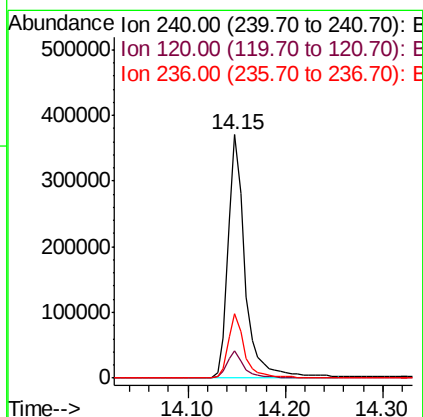
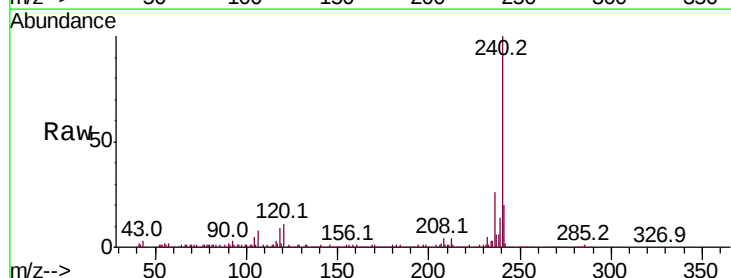
Instrument :
BNA_F
ClientSampleId :
MW-24

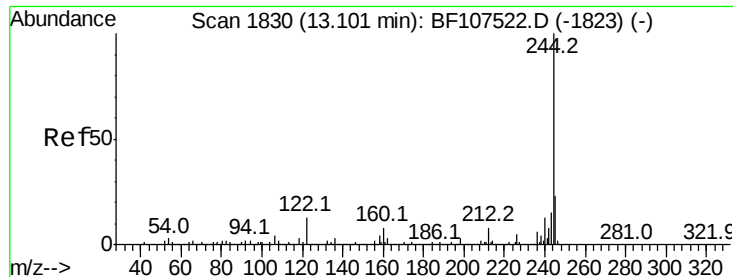
Tot Ion:188 Resp: 428587
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107775.D
Acq: 28 Jul 2018 5:09

Tgt Ion:240 Resp: 444171
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.2 20.7 31.1

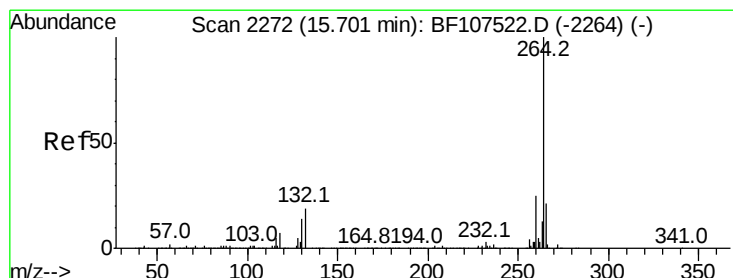
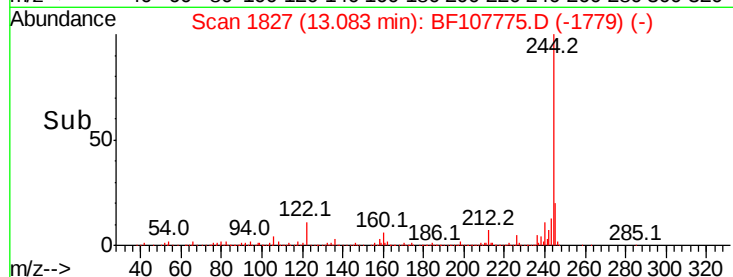
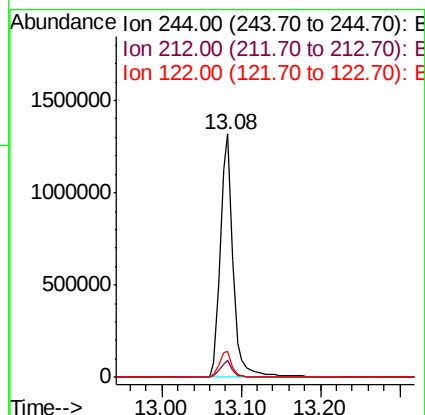
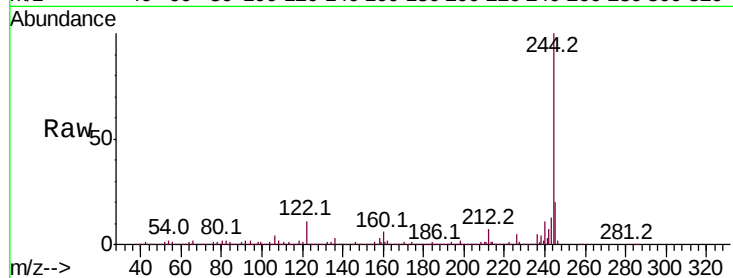




#78
 Terphenyl-d14
 Concen: 85.442 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:244 Resp: 1482403
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107775.D
 Acq: 28 Jul 2018 5:09

Tgt Ion:264 Resp: 367583
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

